



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: White Slough Water Pollution Control Facility Cost Savings Report

MEETING DATE: January 19, 1994

PREPARED BY: City Manager

RECOMMENDED ACTION: None required. Information only.

BACKGROUND INFORMATION: Attached (Exhibit A) is a copy of a memo addressed to the City Council concerning cost savings achieved at the White Slough Water Pollution Control Facility. Mayor Sieglock has asked that such items be placed on the Consent Calendar from time to time when appropriate for public information purposes.

FUNDING: None

Respectfully submitted,

Thomas A. Peterson
City Manager

TAP:br

Attachment

CCOM-004/TXTA.07A

APPROVED _____

THOMAS A. PETERSON
City Manager



recycled paper

EXHIBIT A

MEMORANDUM

TO: The Honorable Mayor and
Members of the City Council

FROM: City Manager

DATE: December 29, 1993

SUBJ: White Slough Cost Savings

Attached for your information and review is a copy of a memo to the Public Works Director from Fran Forkas, Water/Wastewater Superintendent, regarding an achieved cost savings in the White Slough Water Pollution Control Facility operation. The estimated annual savings is approximately \$37,500. The projected savings are the result of an operational review by staff assisted by a consultant.

Utilized properly, consultants can perform services very beneficial to the City. We are most selective to ensure that to the greatest possible extent we "get our monies' worth."

TAP:br

Attachment

MEMORANDUM, City of Lodi, Public Works Department

TO: Public Works Director
FROM: Water/Wastewater Superintendent
DATE: December 21, 1993
SUBJECT: Cost Reduction Practice Implemented



The White Slough Water Pollution Control Facility staff have installed a timing control in one of the Programmable Logic Controllers (PLC). This now allows Operations staff to designate an aeration blower for shut down early each morning when plant flows start to reduce significantly and the plant is unmanned.

After implementation an immediate reduction has been noted of 44,135 kilowatt hours (KWH) for the first month. We anticipate similar reductions in the months to follow. The next twelve months should produce an annual savings of 528,000 KWH's.

The yearly savings of 528,000 KWH's at \$0.071 per KWH equals \$37,488, a significant savings for our Wastewater Utility and its customers.

The staff has also recently modified the operational time of outside lights in the secondary process area which will further reduce annual electrical needs.

This single idea came out of discussions between Operational staff and a private consultant retained for less than \$900 to assist staff in several areas of the biological control processes of the plant.

The Operators and Electricians can be very proud as I am of these cost saving modifications.

A handwritten signature in cursive script that reads "Fran E. Forkas".

Fran E. Forkas
Water/Wastewater Superintendent

FEF/ts

Enclosure

cc: Assistant Wastewater Treatment Superintendent
Chief Operator
Wastewater Treatment Operators
Electricians